

What is claimed is:

1. A method of controlling toner consumption comprising:
providing a toner cartridge comprising toner and electrical development components;
consuming a portion of said toner by printing a plurality of images;
determining when a predetermined amount of the toner remains in the toner cartridge;
and
when the predetermined amount of toner remains in the toner cartridge, altering the amount of toner consumed to form images by changing a voltage level applied to at least one of the electrical development components.
2. The method of claim 1 wherein altering the amount of toner consumed further comprises reducing the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.
3. The method of claim 1 wherein altering the amount of toner consumed further comprises increasing the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.
4. The method of claim 1 wherein the toner cartridge comprises an electronic module, the method further comprising, after the step of providing, the step of:
replacing the electronic module with a replacement electronic module,
wherein said replacement module stores an indication of the amount of toner remaining.
5. The method of claim 4 wherein the replacement electronic circuit stores a value controlling the voltage applied to the at least one of the electrical development components.
6. The method of claim 5 wherein altering the amount of toner consumed further comprises replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.
7. The method of claim 6 further comprising reading the new value by the printer.
8. A toner cartridge comprising:
toner;
electrical development components consuming a portion of said toner by printing a plurality of images; and

an electronic circuit storing an indication of the amount of toner remaining, said circuit further storing a value controlling a voltage applied to the at least one of the electrical development components,

said electronic circuit determining when a predetermined amount of the toner remains in the toner cartridge,

said electronic circuit altering the amount of toner consumed to form images by changing a voltage level applied to at least one of the electrical development components, when the predetermined amount of toner remains in the toner cartridge.

9. The toner cartridge of claim 8 wherein the electronic circuit alters the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

10. The toner cartridge of claim 9 wherein the electronic circuit reduces the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

11. The toner cartridge of claim 9 wherein the electronic circuit increases the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.

12. The toner cartridge of claim 8 wherein the electronic circuit is a replacement electronic circuit replacing an original electronic circuit.

13. A toner cartridge comprising:

toner;

electrical development components consuming a portion of said toner by printing a plurality of images; and

circuitry means for storing an indication of the amount of toner remaining, said circuitry means further for storing a value controlling a voltage applied to the at least one of the electrical development components,

said circuitry means for determining when a predetermined amount of the toner remains in the toner cartridge,

said circuitry means for altering the amount of toner consumed to form images by changing a voltage level applied to at least one of the electrical development components, when the predetermined amount of toner remains in the toner cartridge.

14. The toner cartridge of claim 13 wherein the circuitry means is for altering the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

15. The toner cartridge of claim 14 wherein the circuitry means is for reducing the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

16. The toner cartridge of claim 14 wherein the circuitry means is for increasing the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.

17. A replacement electronic circuit for use on a remanufactured toner cartridge including toner and electrical development components consuming a portion of said toner by printing a plurality of images, the replacement electronic circuit comprising:

electronic circuitry storing an indication of the amount of toner remaining, said circuit further storing a value controlling a voltage applied to the at least one of the electrical development components,

said electronic circuit determining when a predetermined amount of the toner remains in the remanufactured toner cartridge,

said electronic circuit altering the amount of toner consumed to form images by changing a voltage level applied to at least one of the electrical development components, when the predetermined amount of toner remains in the remanufactured toner cartridge.

18. The replacement electronic circuit of claim 17 wherein the electronic circuitry alters the amount of toner consumed by replacing the stored value controlling the voltage applied to the at least one of the electrical development components with a new value controlling the voltage applied to the at least one of the electrical development components.

19. The replacement electronic circuit of claim 18 wherein the electronic circuitry reduces the amount of toner consumed to form images by increasing the voltage applied to a primary charge roller and decreasing the voltage applied to a developer roller.

20. The replacement electronic circuit of claim 18 wherein the electronic circuitry increases the amount of toner consumed to form images by decreasing the voltage applied to a primary charge roller and increasing the voltage applied to a developer roller.